



राष्ट्रीय विद्युत प्रशिक्षण प्रतिष्ठान (पूर्वी)
NATIONAL POWER TRAINING INSTITUTE (ER)
(विद्युत मंत्रालय, भारत सरकार)
Ministry of Power, Govt. of India
दुर्गापुर-713216 (पश्चिम बंगाल)
Durgapur-713216 (West Bengal)



एनपीटीआई के साथ पावर सेक्टर का सुनिश्चित सम्पूर्ण विकास

BROCHURE

NAME OF THE PROGRAM	Condition Based Maintenance Aspect of Electrical Equipment
DURATION	11-13 December 2019
LEVEL OF PARTICIPANTS	Engineers/Diploma
VENUE	NPTI(ER), Durgapur (West Bengal)
COURSE COVERAGE	<ul style="list-style-type: none">• Maintenance –Introduction, Objective, Types, Schedule, Procedures for Safe & Reliable operation of Electrical Equipment's in TPS• Turbo Generator – On Line Monitoring & Diagnostics Techniques, Maintenance and Testing, Partial Discharge Monitoring for Stator Winding and Rotor flux for Turns Shorts, Vibration, Performance Parameters during Normal & Emergencies Operation and Latest Developments including Case Studies.• Condition Based Monitoring of Power Transformer (GT/UAT/UST/ST/ICT) including Solid and Liquid Insulation Properties and their Characteristics, Partial Discharge Test (PDA), Furan Analysis, Degree of Polymerization (DP), Frequency Response Analysis (FRA), Dissolved Gas Analysis (DGA) & Testing and Recent Developments with Case Studies• Maintenance and Testing of HT/LT Motors – CBM, Testing, Vibration, Monitoring the Parameter and Comparison including Failure analysis with Case Studies• Auxiliary Supply System/Electrical System Operation – Condition based Maintenance of all auxiliaries of Electrical Systems in TPS, Maintenance & Testing and their performance and Case Study.
TRAINING FEE (RESIDENTIAL)	Rs. 17,335/-
TRAINING FEE (NON-RESIDENTIAL)	Rs. 15,340/-
FACULTY	Well experienced faculty from the Institute and other related industries.
PROGRAM DIRECTOR	Dr. M. Ravichandra Babu, Dy. Director, ravichandrababu1@gmail.com, +91 9443091143
ALL CORRESPONDENCE TO BE ADDRESSED TO	Sh. S.K. Srivastava, Director & Head of Institute National Power Training Institute (ER) City Centre, Durgapur-713216 Contact: 0343-2546237 durgapur.nptier@gmail.com

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